

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110221\
 Data File : PL070721.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2021 13:00
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/03/2021
 Supervised By : mohammad ahmed 11/03/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 22:42:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102921.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 29 09:09:01 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.591	5.520	24864372	66320585	55.142m	47.676
28) SA Decachlor...	10.354	11.425	31924595	65223947	53.476	45.625
Target Compounds						
2) A alpha-BHC	5.298	6.101	36513841	100.3E6	56.926	47.335
3) MA gamma-BHC...	5.721	6.498	34735594	94104854	55.763	47.321
4) MA Heptachlor	6.129	7.146	37420296	95958485	55.564	46.927
5) MB Aldrin	6.453	7.515	33400505	88870516	56.427	46.949m
6) B beta-BHC	6.103	6.752	16767595	42361219	52.972	42.602m
7) B delta-BHC	6.362	7.019	34383495	98284242	56.404	43.401m
8) B Heptachlo...	7.030	7.982	32751959	83858101	54.729	47.991m
9) A Endosulfan I	7.432	8.388	30870740	77388662	54.891	45.938
10) B gamma-Chl...	7.307	8.253	33375177	81097792	55.008	44.587
11) B alpha-Chl...	7.376	8.334	33435077	81950758	55.018	46.005
12) B 4,4'-DDE	7.591	8.523	29773798	83290616	57.132	46.157
13) MA Dieldrin	7.718	8.678	32038808	80210735	55.816	45.526
14) MA Endrin	8.009	8.916	29175150	70883154	54.327	46.806m
15) B Endosulfa...	8.319	9.152	29530549	68512043	51.725	45.762
16) A 4,4'-DDD	8.176	9.062	25846098	66771977	56.648	41.532 #
17) MA 4,4'-DDT	8.436	9.380	29375048	72813789	56.608	45.044
18) B Endrin al...	8.508	9.286	23626612	52897082	55.388	44.918
19) B Endosulfa...	8.739	9.524	31245130	66282373	55.433	44.222
20) A Methoxychlor	9.032	9.866	18427811	36218565	55.465	43.264
21) B Endrin ke...	9.257	10.021	35886570	73173134	56.583	44.781
22) Mirex	9.441	10.487	30616725	51468101	53.865	43.037

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110221\
 Data File : PL070721.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2021 13:00
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

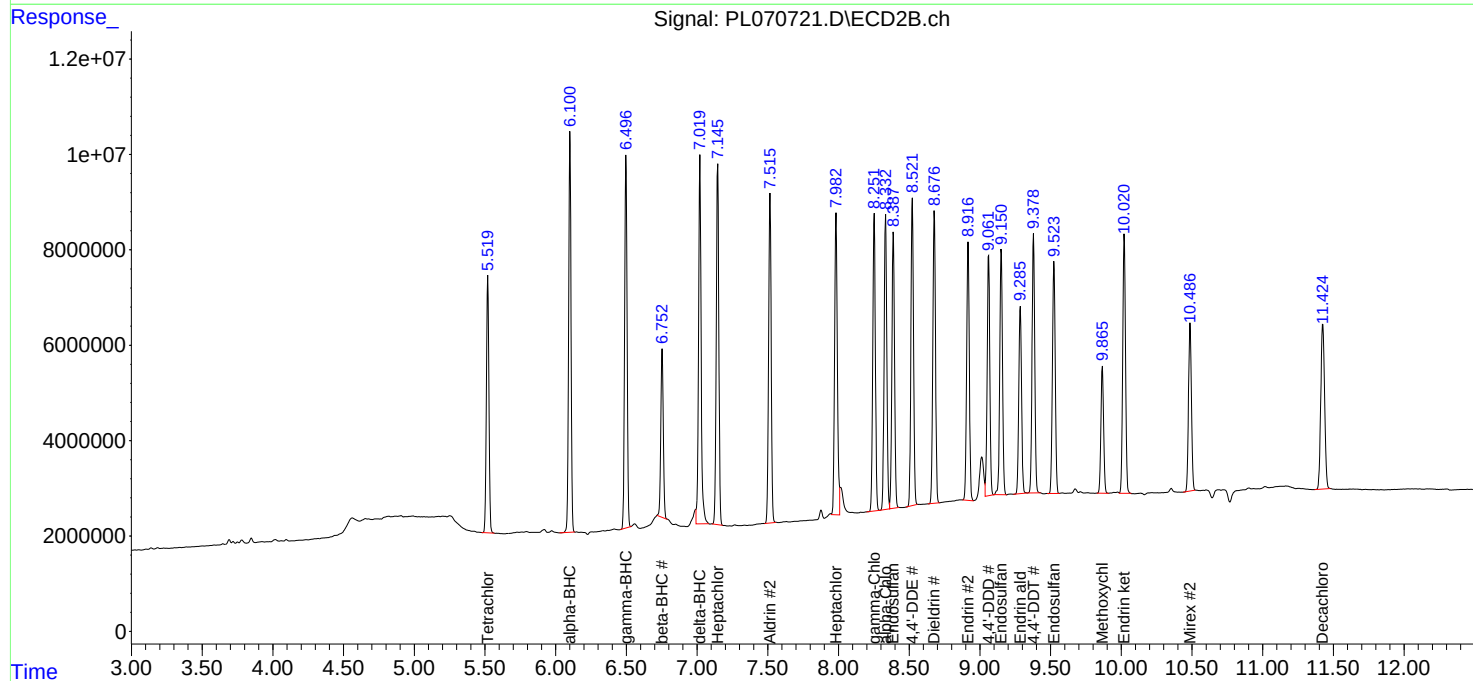
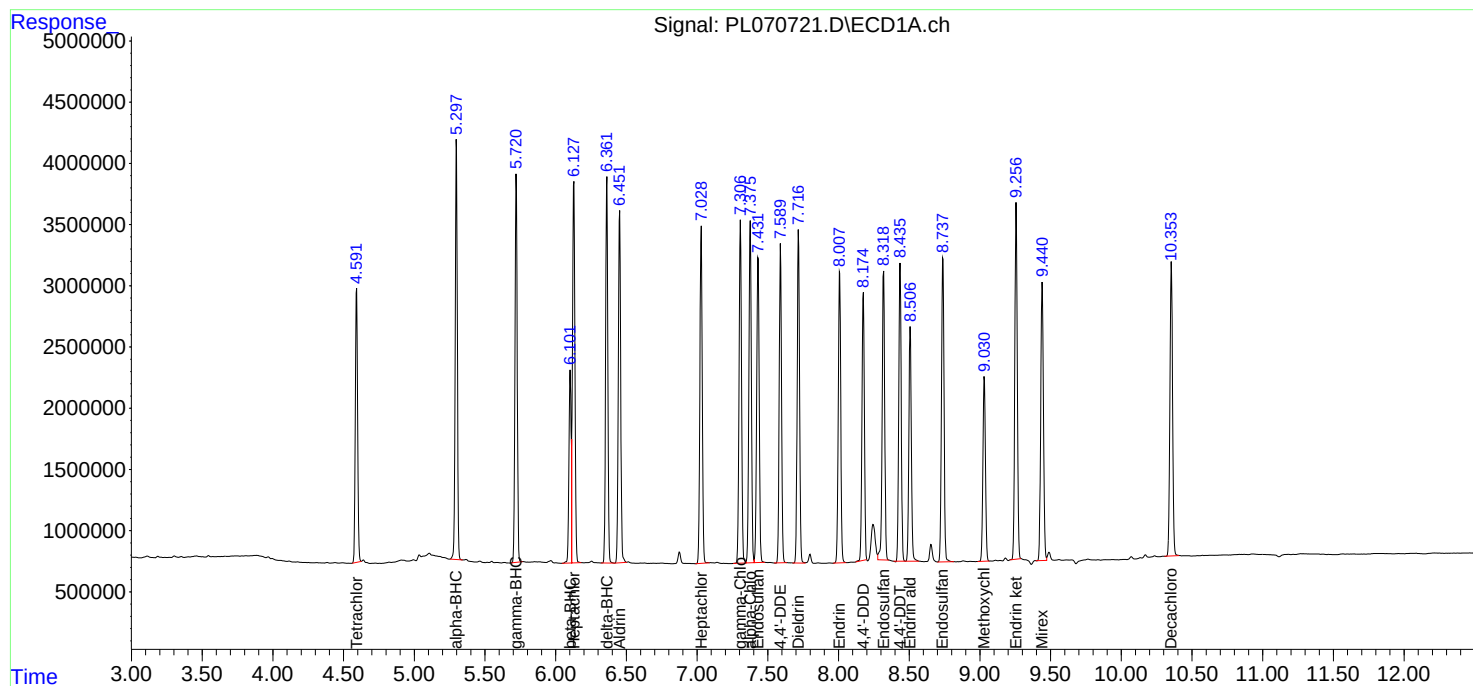
APPROVED

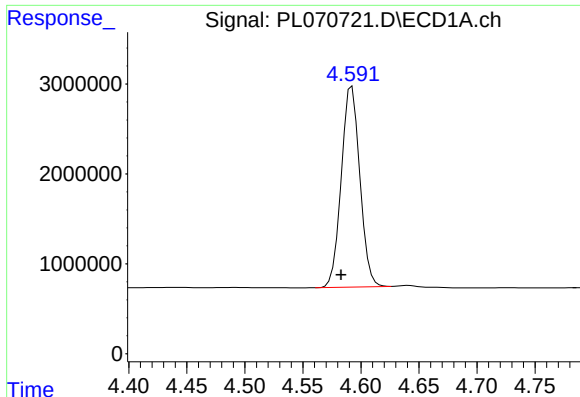
Reviewed By :Abdul Mirza 11/03/2021

Supervised By :mohammad ahmed 11/03/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 22:42:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102921.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 29 09:09:01 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





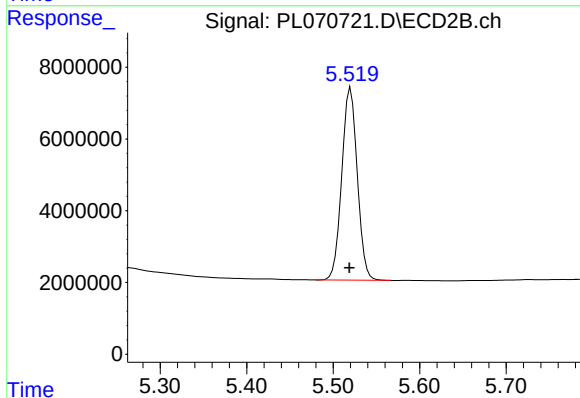
#1 Tetrachloro-m-xylene

R.T.: 4.591 min
Delta R.T.: 0.008 min
Response: 24864372
Conc: 55.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

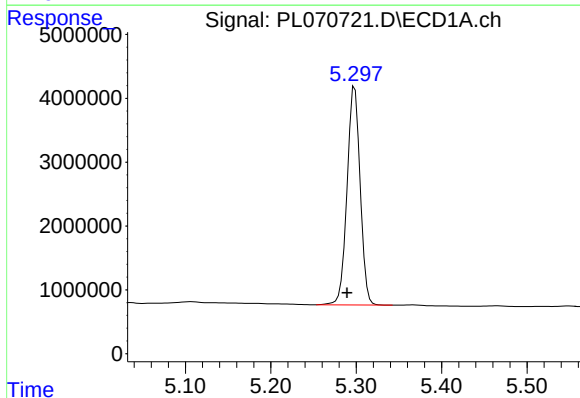
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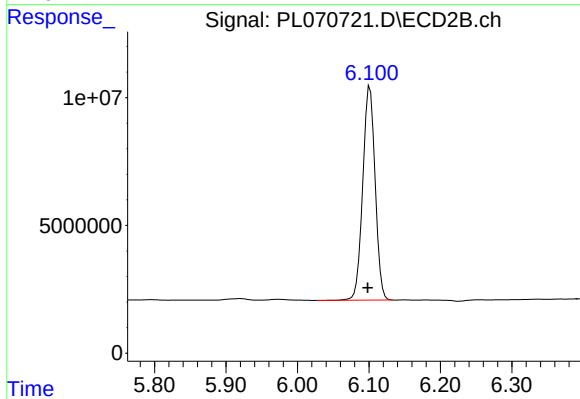
#1 Tetrachloro-m-xylene

R.T.: 5.520 min
Delta R.T.: 0.001 min
Response: 66320585
Conc: 47.68 ng/ml



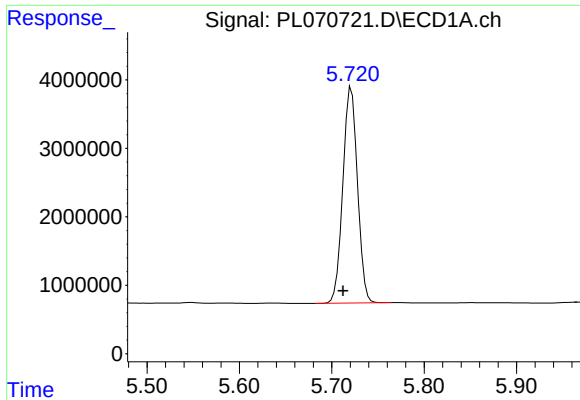
#2 alpha-BHC

R.T.: 5.298 min
Delta R.T.: 0.009 min
Response: 36513841
Conc: 56.93 ng/ml



#2 alpha-BHC

R.T.: 6.101 min
Delta R.T.: 0.003 min
Response: 100325413
Conc: 47.33 ng/ml



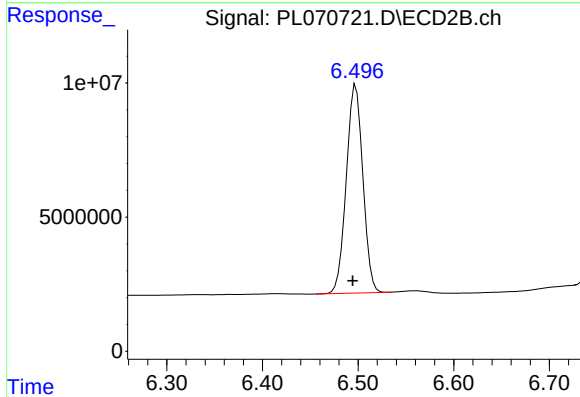
#3 gamma-BHC (Lindane)

R.T.: 5.721 min
Delta R.T.: 0.009 min
Response: 34735594
Conc: 55.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

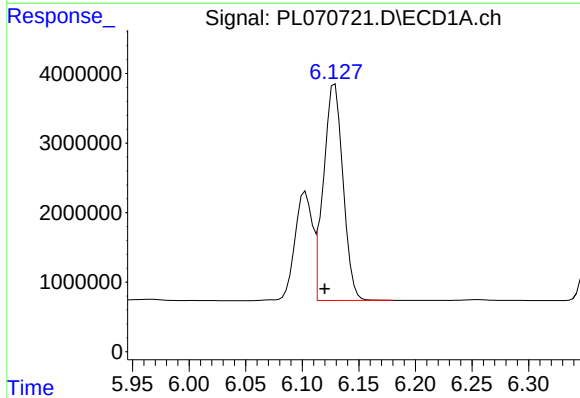
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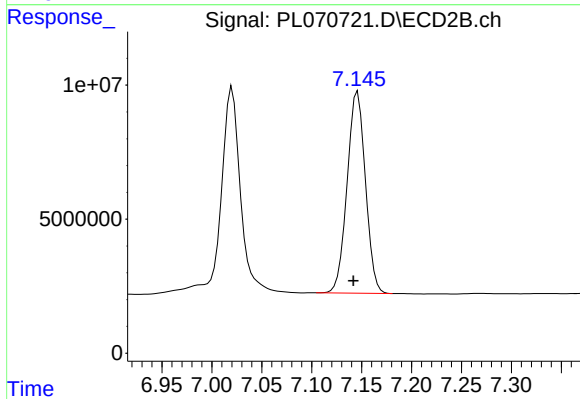
#3 gamma-BHC (Lindane)

R.T.: 6.498 min
Delta R.T.: 0.003 min
Response: 94104854
Conc: 47.32 ng/ml



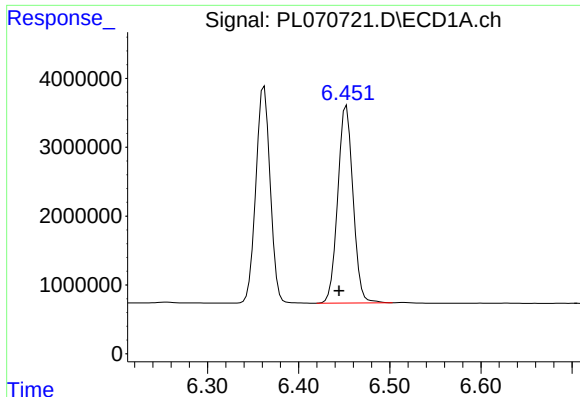
#4 Heptachlor

R.T.: 6.129 min
Delta R.T.: 0.009 min
Response: 37420296
Conc: 55.56 ng/ml



#4 Heptachlor

R.T.: 7.146 min
Delta R.T.: 0.004 min
Response: 95958485
Conc: 46.93 ng/ml



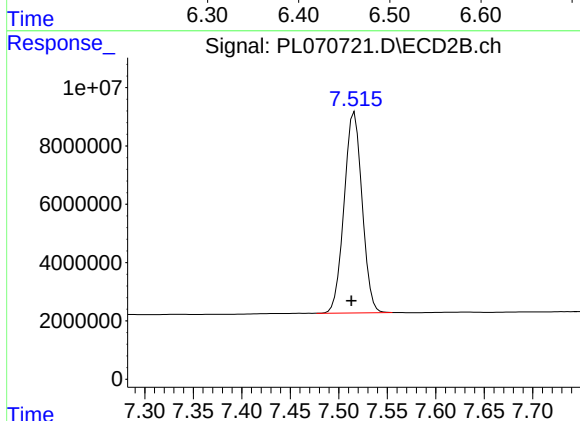
#5 Aldrin

R.T.: 6.453 min
Delta R.T.: 0.008 min
Response: 33400505
Conc: 56.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

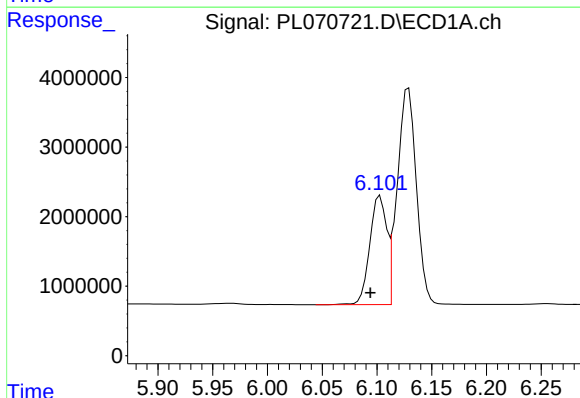
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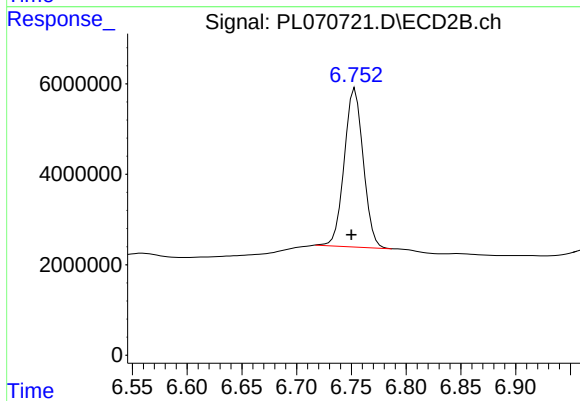
#5 Aldrin

R.T.: 7.515 min
Delta R.T.: 0.002 min
Response: 88870516
Conc: 46.95 ng/ml m



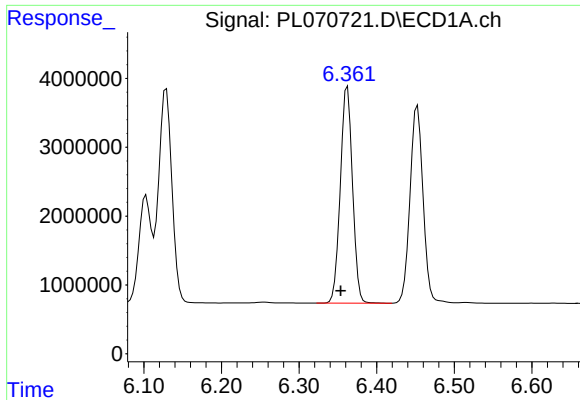
#6 beta-BHC

R.T.: 6.103 min
Delta R.T.: 0.009 min
Response: 16767595
Conc: 52.97 ng/ml



#6 beta-BHC

R.T.: 6.752 min
Delta R.T.: 0.002 min
Response: 42361219
Conc: 42.60 ng/ml m



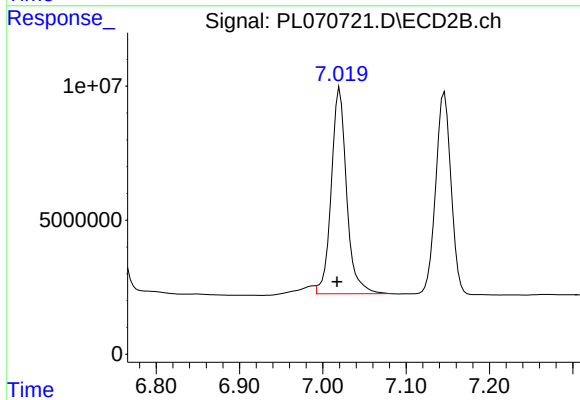
#7 delta-BHC

R.T.: 6.362 min
Delta R.T.: 0.009 min
Response: 34383495
Conc: 56.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

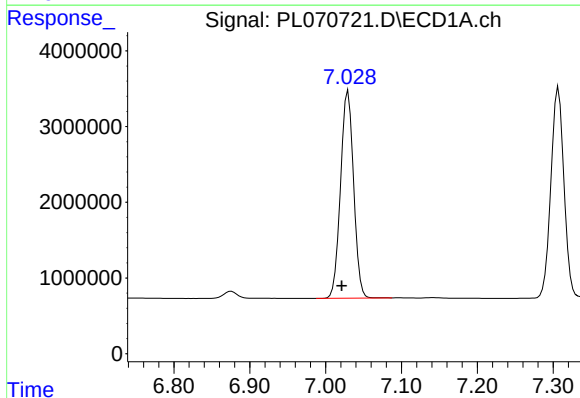
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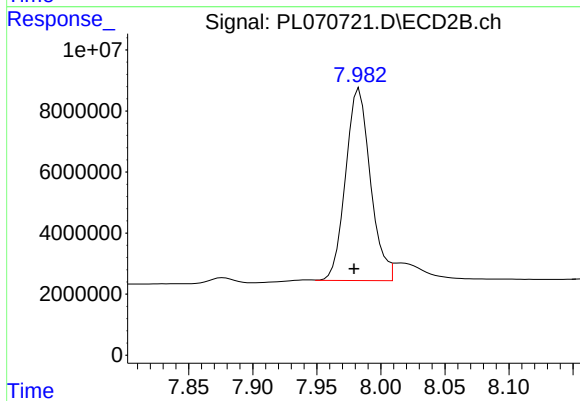
#7 delta-BHC

R.T.: 7.019 min
Delta R.T.: 0.002 min
Response: 98284242
Conc: 43.40 ng/ml m



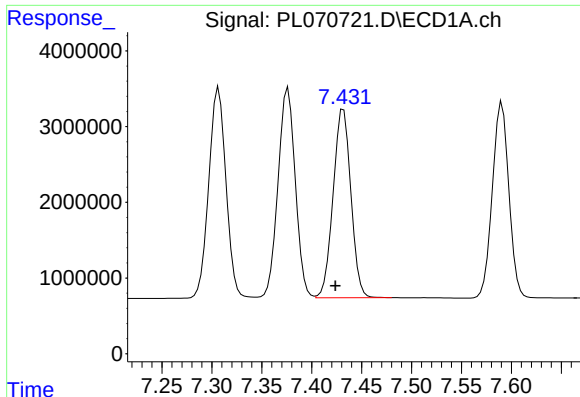
#8 Heptachlor epoxide

R.T.: 7.030 min
Delta R.T.: 0.008 min
Response: 32751959
Conc: 54.73 ng/ml



#8 Heptachlor epoxide

R.T.: 7.982 min
Delta R.T.: 0.003 min
Response: 83858101
Conc: 47.99 ng/ml m



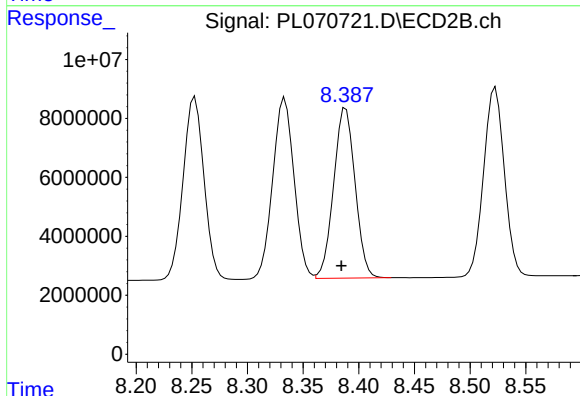
#9 Endosulfan I

R.T.: 7.432 min
Delta R.T.: 0.008 min
Response: 30870740
Conc: 54.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

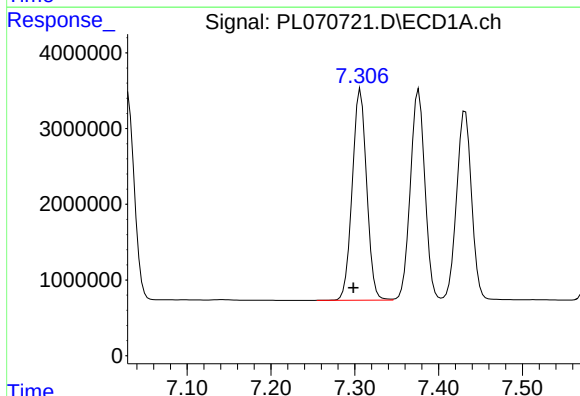
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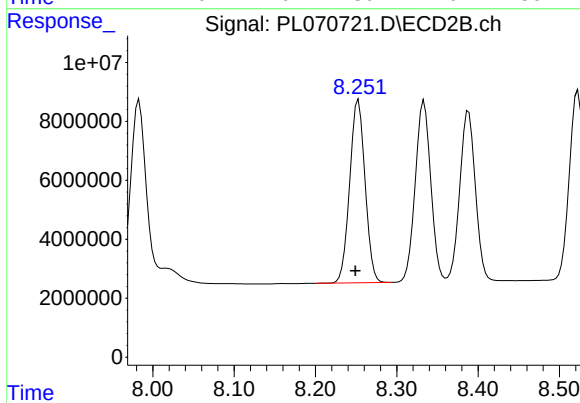
#9 Endosulfan I

R.T.: 8.388 min
Delta R.T.: 0.004 min
Response: 77388662
Conc: 45.94 ng/ml



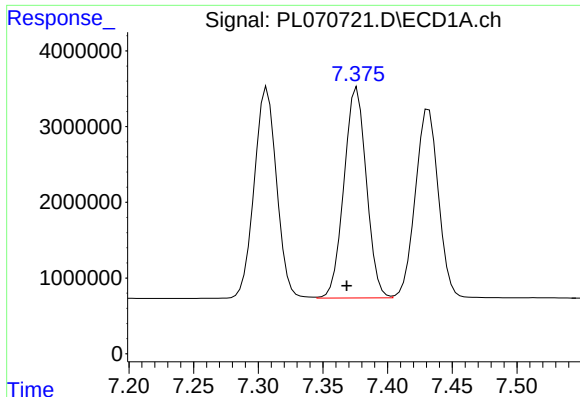
#10 gamma-Chlordane

R.T.: 7.307 min
Delta R.T.: 0.009 min
Response: 33375177
Conc: 55.01 ng/ml



#10 gamma-Chlordane

R.T.: 8.253 min
Delta R.T.: 0.004 min
Response: 81097792
Conc: 44.59 ng/ml



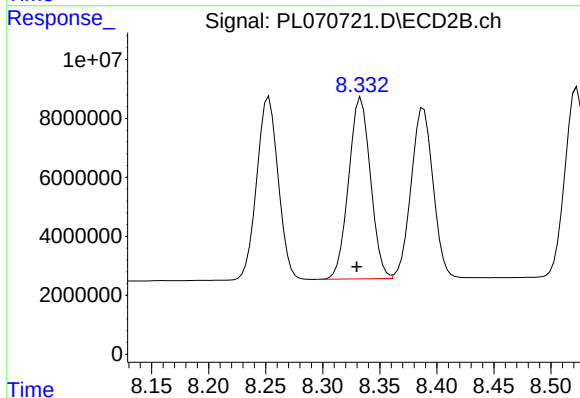
#11 alpha-Chlordane

R.T.: 7.376 min
Delta R.T.: 0.008 min
Response: 33435077
Conc: 55.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

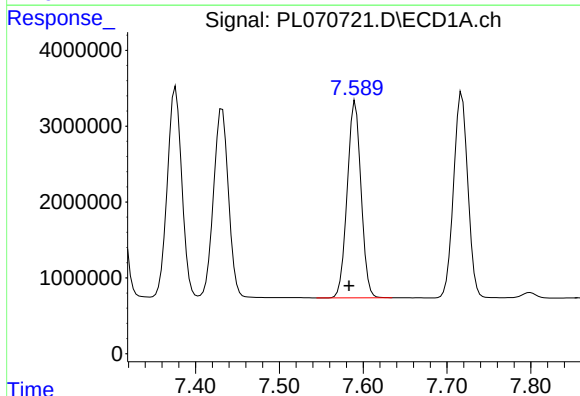
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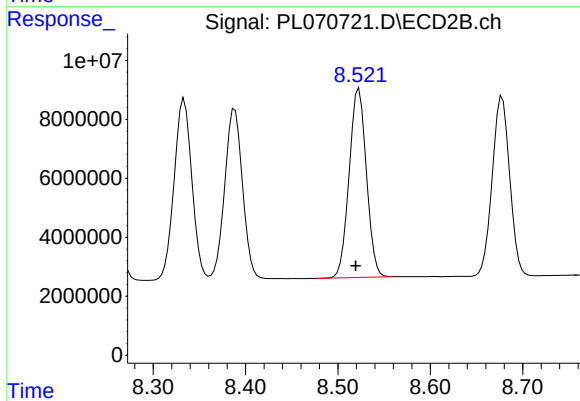
#11 alpha-Chlordane

R.T.: 8.334 min
Delta R.T.: 0.004 min
Response: 81950758
Conc: 46.00 ng/ml



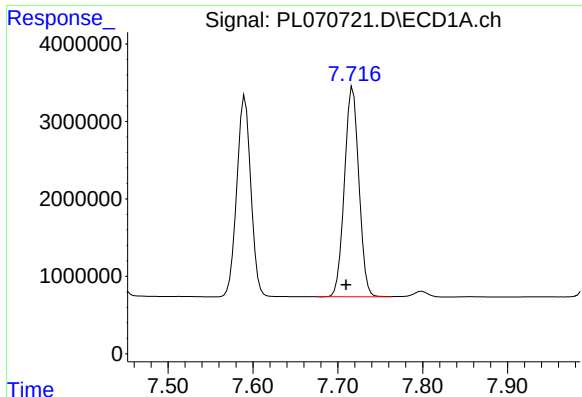
#12 4,4'-DDE

R.T.: 7.591 min
Delta R.T.: 0.007 min
Response: 29773798
Conc: 57.13 ng/ml



#12 4,4'-DDE

R.T.: 8.523 min
Delta R.T.: 0.004 min
Response: 83290616
Conc: 46.16 ng/ml



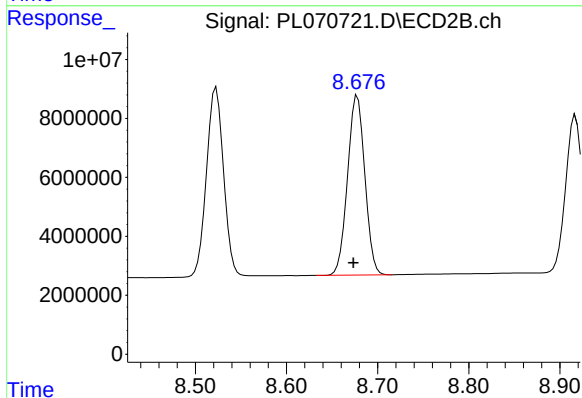
#13 Dieldrin

R.T.: 7.718 min
Delta R.T.: 0.008 min
Response: 32038808
Conc: 55.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

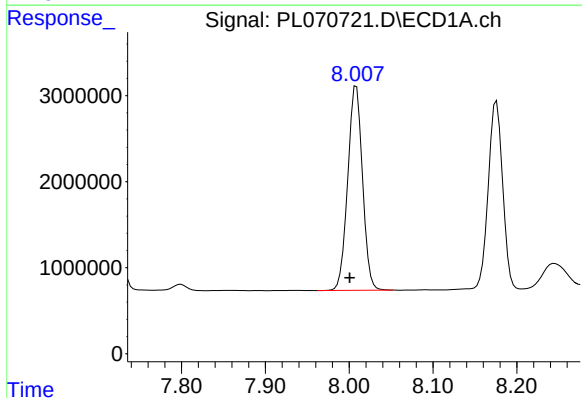
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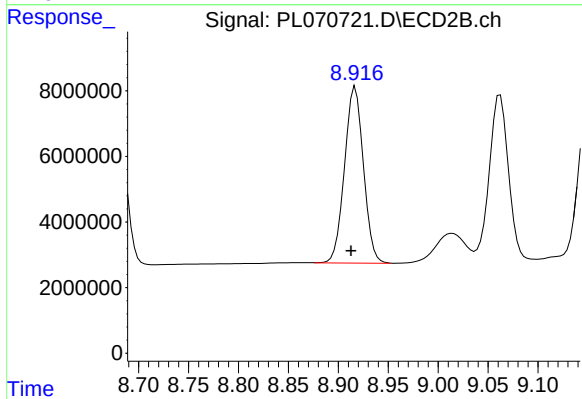
#13 Dieldrin

R.T.: 8.678 min
Delta R.T.: 0.004 min
Response: 80210735
Conc: 45.53 ng/ml



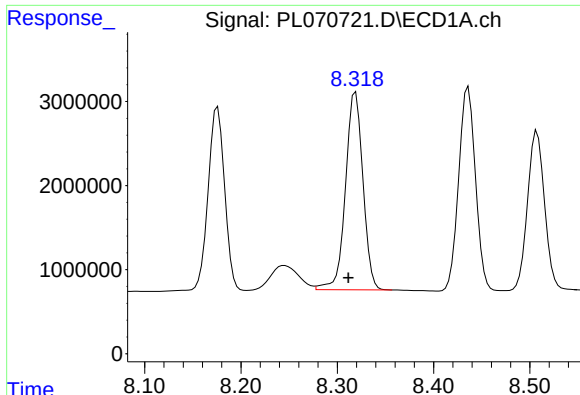
#14 Endrin

R.T.: 8.009 min
Delta R.T.: 0.008 min
Response: 29175150
Conc: 54.33 ng/ml



#14 Endrin

R.T.: 8.916 min
Delta R.T.: 0.003 min
Response: 70883154
Conc: 46.81 ng/ml m



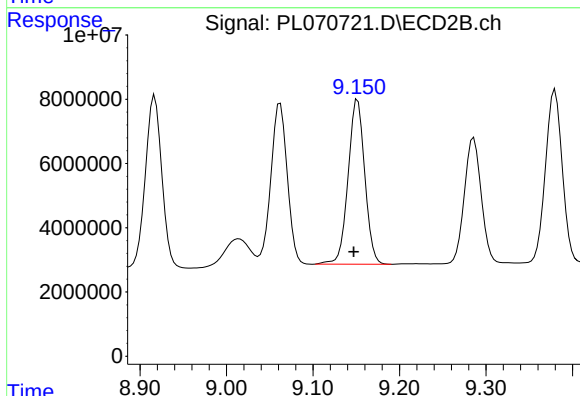
#15 Endosulfan II

R.T.: 8.319 min
Delta R.T.: 0.007 min
Response: 29530549
Conc: 51.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

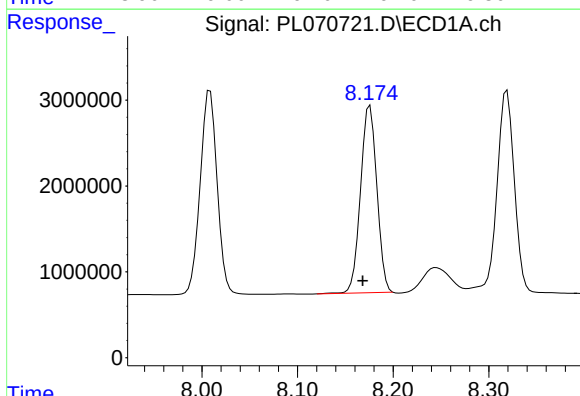
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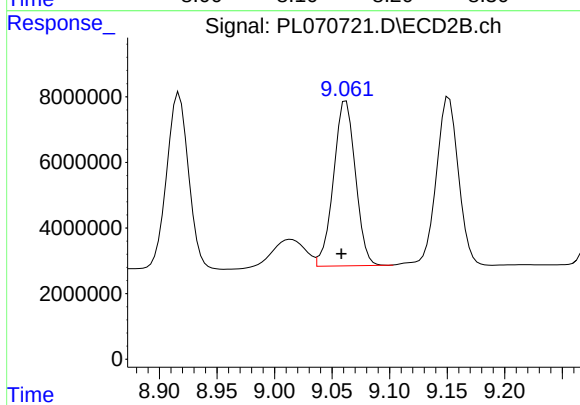
#15 Endosulfan II

R.T.: 9.152 min
Delta R.T.: 0.004 min
Response: 68512043
Conc: 45.76 ng/ml



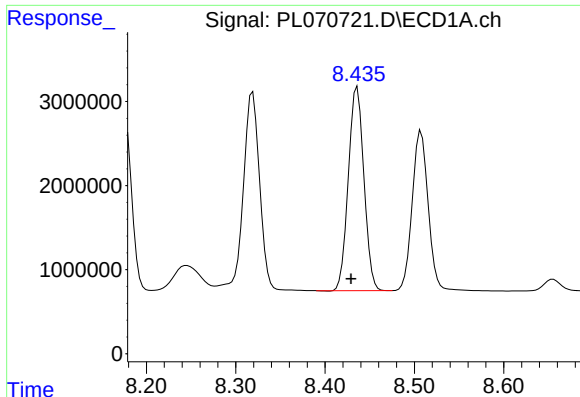
#16 4,4'-DDD

R.T.: 8.176 min
Delta R.T.: 0.007 min
Response: 25846098
Conc: 56.65 ng/ml



#16 4,4'-DDD

R.T.: 9.062 min
Delta R.T.: 0.004 min
Response: 66771977
Conc: 41.53 ng/ml



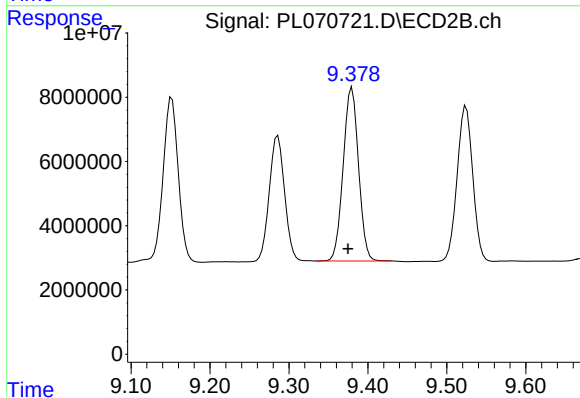
#17 4,4'-DDT

R.T.: 8.436 min
Delta R.T.: 0.007 min
Response: 29375048
Conc: 56.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

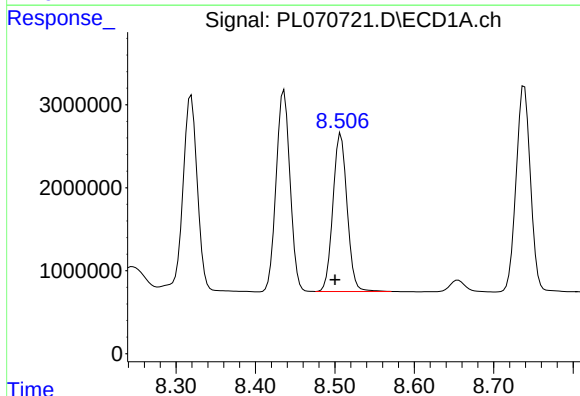
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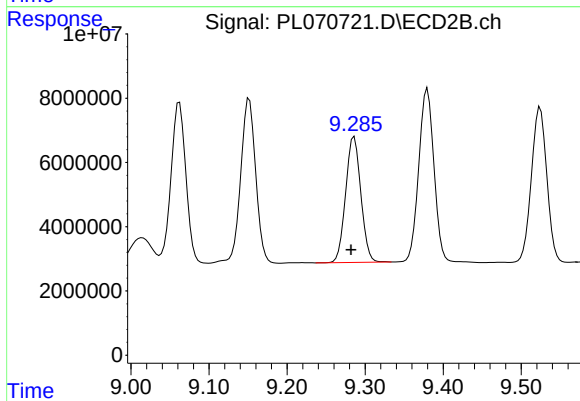
#17 4,4'-DDT

R.T.: 9.380 min
Delta R.T.: 0.005 min
Response: 72813789
Conc: 45.04 ng/ml



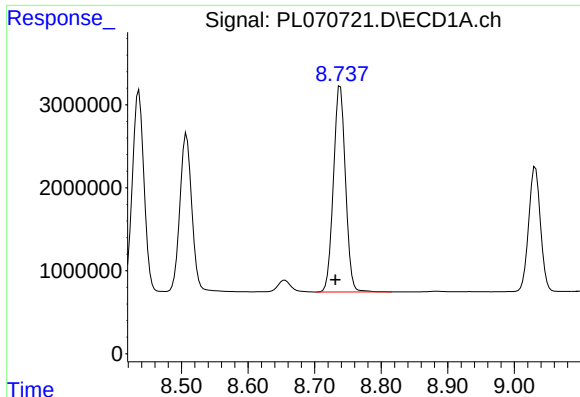
#18 Endrin aldehyde

R.T.: 8.508 min
Delta R.T.: 0.007 min
Response: 23626612
Conc: 55.39 ng/ml



#18 Endrin aldehyde

R.T.: 9.286 min
Delta R.T.: 0.004 min
Response: 52897082
Conc: 44.92 ng/ml



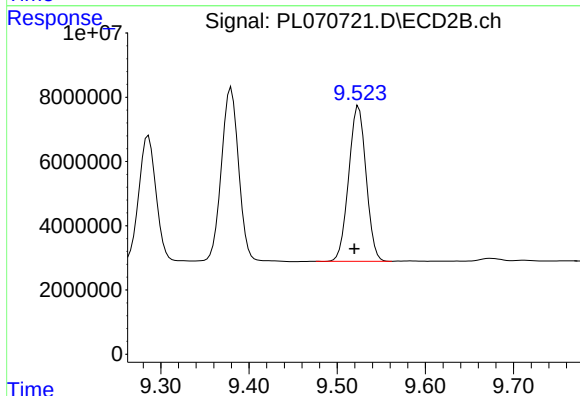
#19 Endosulfan Sulfate

R.T.: 8.739 min
Delta R.T.: 0.007 min
Response: 31245130
Conc: 55.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

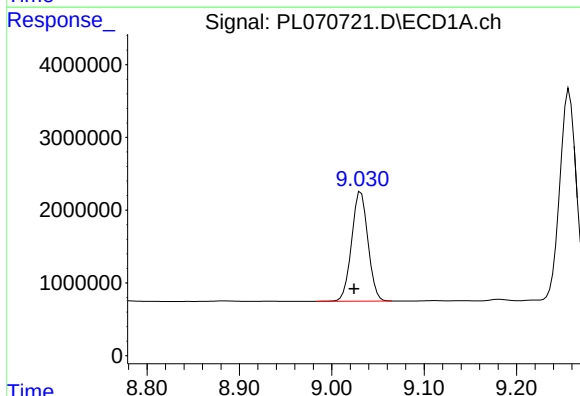
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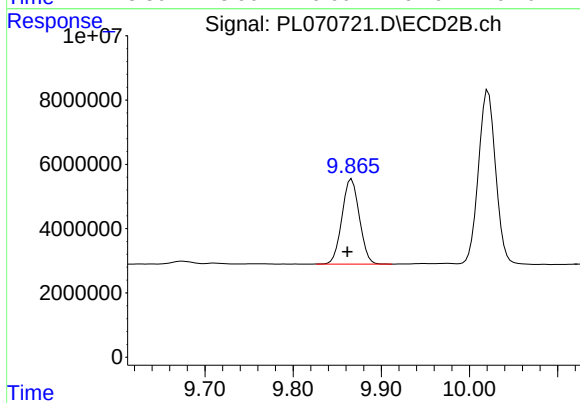
#19 Endosulfan Sulfate

R.T.: 9.524 min
Delta R.T.: 0.005 min
Response: 66282373
Conc: 44.22 ng/ml



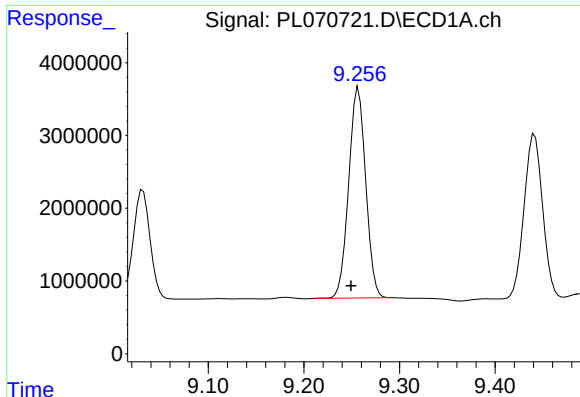
#20 Methoxychlor

R.T.: 9.032 min
Delta R.T.: 0.007 min
Response: 18427811
Conc: 55.47 ng/ml



#20 Methoxychlor

R.T.: 9.866 min
Delta R.T.: 0.005 min
Response: 36218565
Conc: 43.26 ng/ml



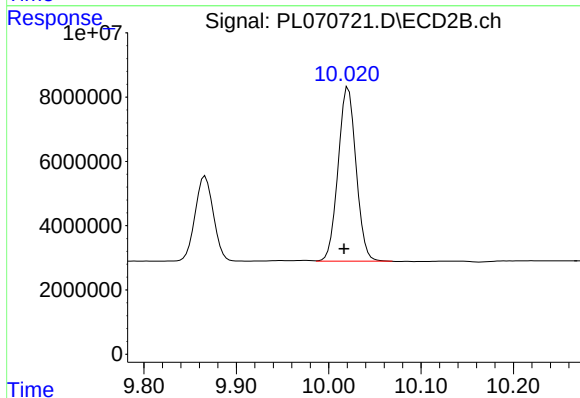
#21 Endrin ketone

R.T.: 9.257 min
Delta R.T.: 0.008 min
Response: 35886570
Conc: 56.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

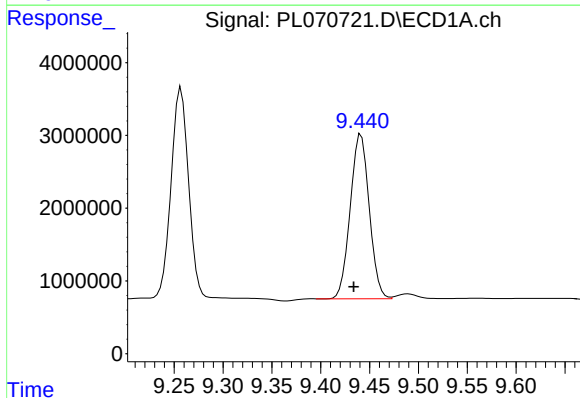
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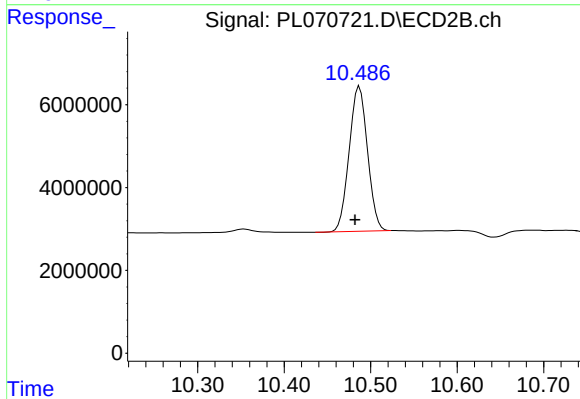
#21 Endrin ketone

R.T.: 10.021 min
Delta R.T.: 0.005 min
Response: 73173134
Conc: 44.78 ng/ml



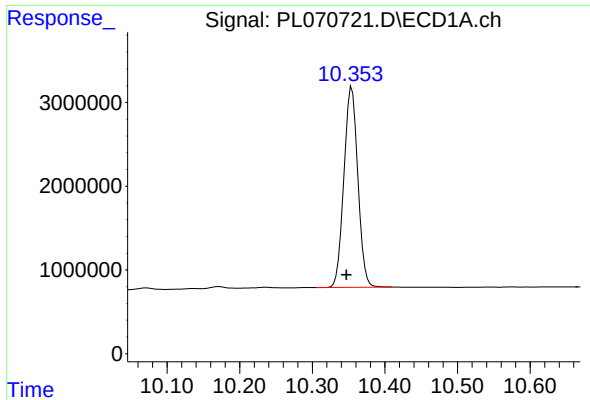
#22 Mirex

R.T.: 9.441 min
Delta R.T.: 0.008 min
Response: 30616725
Conc: 53.87 ng/ml



#22 Mirex

R.T.: 10.487 min
Delta R.T.: 0.005 min
Response: 51468101
Conc: 43.04 ng/ml



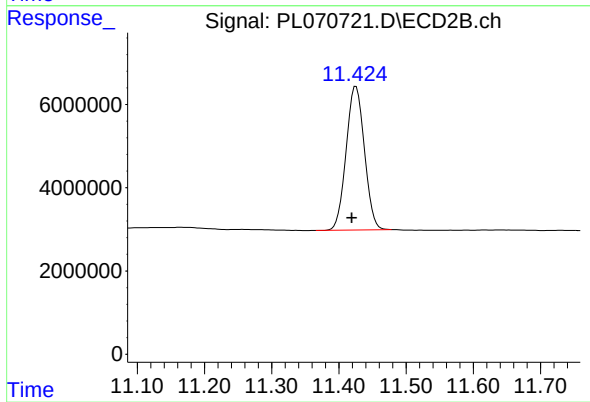
#28 Decachlorobiphenyl

R.T.: 10.354 min
Delta R.T.: 0.007 min
Response: 31924595
Conc: 53.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



#28 Decachlorobiphenyl

R.T.: 11.425 min
Delta R.T.: 0.006 min
Response: 65223947
Conc: 45.63 ng/ml